



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**


(Use as many sheets as necessary)

**Complete if Known**

Sheet <b>2</b> of <b>2</b>	Application Number	10/826,885
	Filing Date	04/16/2004
	First Named Inventor	WAYCUILIS, John J.
	Art Unit	1764
	Examiner Name	Nguyen, Tam M.
Attorney Docket Number		200306 USA

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TN	55	OLAH ET AL.; "Antimony Pentafluoride/Graphite Catalyzed Oxidative Conversion of ..."; J. Org. Chem. 1990, 55; 1990 American Chemical Society; pp. 4289-4293.	
	56	TAYLOR ET AL.; "Direct Conversion of Methane to Liquid Hydrocarbons ..."; Methane Conversion; 1988 Elsevier Science Publishers B.V. Amsterdam; pp. 483-489.	
	57	CHANG ET AL.; "The Conversion of Methanol and Other O-Compounds to Hydrocarbons over Zeolite Catalysts"; Journal of Catalysis 47; 1977; Academic Press, Inc.; pp. 249-259.	
	58	ZHOU ET AL.; "An Integrated Process for Partial Oxidation of Alkanes"; Chem. Commun. 2003; The Royal Society of Chemistry; pp. 2294-2295.	
	59	SUN ET AL.; "A General Integrated Process for Synthesizing Olefin Oxides"; Chem. Commun. 2004; The Royal Society of Chemistry; pp. 2100-2101.	
	60	LORKOVIC ET AL.; "C1 Oxidative Coupling via Bromine Activation and Tandem Catalytic Condensation and Neutralization over CaO/zeolite ..."; Catalysis Today 98 2004; pp. 589-594.	
	61	YILMAZ ET AL.; "Bromine Mediated Partial Oxidation of Ethane over Nanostructured Zirconia Supported ..."; Microporous and Mesoporous Materials 79 2005; Elsevier; pp. 205-214.	
	62	TAYLOR; "PETC's On-Site Natural Gas Conversion Efforts"; Preprints of the Fuel Division, 208th National Meeting of the American Chemical Society, 39 (4); 1994; pp. 1228-1232.	

Examiner Signature		Date Considered	7/21/06
--------------------	---	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/826,885
Filing Date	04/16/2004
First Named Inventor	WAYCULIS, John J.
Art Unit	1764
Examiner Name	NGUYEN, Tam M.
Attorney Docket Number	200306 USA

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
TN	63	US-	2005/0038310 A1	02/17/2005	Lorkovic et al.	
	64	US-	60/487,364		Lorkovic et al.	
	65	US-	4,513,092	04/23/1985	Chu et al.	
	66	US-	4,804,797	02/14/1989	Minet et al.	
	67	US-	4,973,786	11/27/1990	Karra	
	68	US-	5,157,189	10/20/1992	Karra	
	69	US-	5,705,728	01/06/1998	Viswanathan et al.	
	70	US-	6,452,058	09/17/2002	Schweizer et al.	
	71	US-	3,894,105	07/08/1975	Chang et al.	
	72	US-	2005/0171393 A1	08/04/2005	Lorkovic	
		US-				
TN	75	US-	6,525,230	02/25/2003	Grosso	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

0188

JUL 11 2006

PATENT & TRADEMARK OFFICE

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

7/21/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

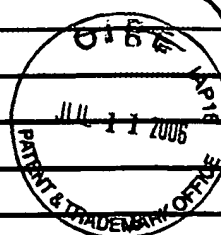
Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/826,885
Filing Date	04/16/2004
First Named Inventor	WAYCULIS, John J.
Art Unit	1764
Examiner Name	NGUYEN, Tam M.
Attorney Docket Number	200306 USA



Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TN	73	IONE et al.; "Syntheses of Hydrocarbons from Compounds..."; Solid Fuel Chemistry (Khimiya Tverdogo Topliva); 1982; pp. 29-43; Vol. 16, No. 6; Allerton Press, Inc.	
TN	74	OLAH et al.; "Hydrocarbons Through Methane Derivatives"; Hydrocarbon Chemistry; 1995; pp. 89-90; John Wiley & Sons, Inc.	

Examiner  
Signature

Date  
Considered

7/21/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.